Ministry of
Northern Development
and Mines

Ontario

Sean Conway Minister of Mines

ONTARIO GEOLOGICAL SURVEY

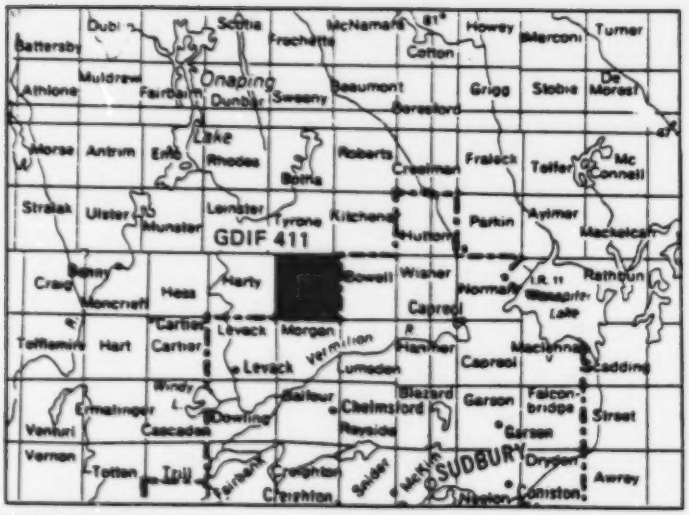
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 441

FOY TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

Scale: 1:1 013 760 or 1 inch=16 miles

88-04965/

NTS Number 41 I/14

Mining Claim Map Number M 815

This is part of the Canada-Ontario Mineral Development Agreement (COMDA), which is a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ont.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1988: Foy Township, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 441, compiled by the staff of the Resident Geologist's Office in Sudbury, 19 p. and 2 maps.

Original Compilation by: Jerome, Lucille, November 1987

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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(Aerial Photographs Index)

ACCOMPANYING MAPS

Property Location Map 1

Exploration Data Map 1

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	**2.589 988**	km^2
1 ha	2.471 054	acres	1 acre	**0.404 685 6**	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	**0.028 316 85**	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	**0.764 555**	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	**0.568 261**	L
1 L	0.879 877	quarts	1 quart	**1.136 522**	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	**28.349 523**	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	**34.285 714 2**	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	**1.714 285 7**	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	**20.0**	pennyweights/ton (short)
1 pennyweight/ton (short)	**0.05**	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	L.J.
2	Assessment Files Research Office, Toronto	N.A.	L.J.
3	ODM General Index; 9 Volumes	Yes	L.J.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	L.J.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	L.J.
6	ODM Industrial Mineral Reports	No	L.J.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	L.J.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	L.J.
9	Newspaper Clippings File	Yes	L.J.
10	GSC Index to Publications	Yes	L.J.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	L.J.
12	OGS Index Maps	Yes	L.J.
13	Source Mineral Deposit Records (O.G.S.)	Yes	L.J.
14	Author - Subject Articles File	Yes	L.J.
15	Miscellaneous Papers: ODM & OGS	Yes	L.J.
16	ODM Geological Circulars: OGS Study Series	No	L.J.
17	ODM Preliminary Reports: ODM Bulletins	No	L.J.
18	ODM – OGS Open File Reports	No	L.J.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	L.J.
20	OGS Aggregate Resources Inventory Papers	No	L.J.
21	OGS Mineral Potential Maps	Yes	L.J.
22	Theses on File, Sudbury	Yes	L.J.
23	Aerial Photographs on File, Sudbury	Yes	L.J.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . .Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- △ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- ▲ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (fluorspar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . .Galena
- △ gt. . . . . .Garnet
- △ goe. . . . . .Goethite
- △ Au . . . . . Gold
- △ gf. . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . .Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . .Magnesite
- △ mag . . . . . .Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- ▲ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- △ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- △ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . .Shale
- △ sid . . . . . Siderite
- △ si . . . . . .Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd . . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- △ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . .Zinc
- △ zr. . . . . Zircon

S. . . . . .Sulphide
cv. . . . . .Covellite

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

FOY TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Nickel Offsets Mine	Ni, Cu	Ni 2	MRC 12, p. 243	GR 65, p. 33, Map 2133.
B	Foy Offset Occurrence (WD 234)	Ni, Cu	--	--	GR 65, Map 2133
C	Foy Offset Occurrence (WD 233)	Ni, Cu	--	--	GR 65, Map 2133
D	Foy Offset Occurrence (WD 248)	Ni, Cu	--	--	GR 65, Map 2133
E	Foy Offset Extension Occurrence	Ni, Cu	--	--	GR 65, Map 2133

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	
1	Falconbridge Nickel Mines Ltd. (Foy 0010-A1)			48?	48															
2	Falconbridge Nickel Mines Ltd. (Foy 0010-B1)				68															
2	Falconbridge Nickel Mines Ltd. (Foy 0011-A1)				52															
3	Falconbridge Nickel Mines Ltd. (Foy 0010-D1)				69															
4	Inco Ltd. (Foy 0011-C1)				51															
5	Inco Ltd. (Foy 0011-C1)				51															
6	Inco Ltd. (Foy 0011-E1)	48										48[1]								
7	Falconbridge Nickel Mines Ltd. (Foy 0011-A1)			52																
8	Falconbridge Nickel Mines Ltd. (Foy 0011-A1)				56 57															
9	Falconbridge Nickel Mines Ltd. (Foy 0012), Maki, O., Kainola, J. Option	50		50								50								
10	Sudbury Offsets Ltd. (Bowell 0016)											37[2]								
11	Sudbury Offsets Ltd. (Foy 0014)				29[3]															

GDIF FORM NO. 2

FOY TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	
12	Nickel Offsets Ltd. (Bowell 0015)					51		50 51 69												
13	Nickel Offsets Ltd. (Bowell 0015)							50 51 69												
14	Nickel Offsets Ltd. (Foy 0013)	52			51[3]															
14	Nickel Offsets Mine or Ross Mine (Nickel Offsets Ltd., Sudbury Offsets Ltd.)(Bowell 0015 and Mineral Deposit Inventory File - Sudbury)	374 574		28-29	28-29 38-39 41-44 48-49 50-57 57							371 574	574					445 46 48 416 43 & 49-51	43-44 53-57	

[1] No significant anomaly

GDIF FORM NO. 2

TYPE OF WORK	Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	
[2]Maps only [3]Location shown only [4]No data [5]No. 2 Shaft - 1106' deep, 7 levels [6]No. 1 Shaft - 1600' deep, 10 levels																			

GDIF FORM NO. 2

FOY TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Falconbridge Nickel Mines Ltd.	Fy-XC-1	1948	180	38	4	98		
1		Fy-XC-2	1948	180	41	4	85		
1		Fy-XC-3	1948	180	46	4	100		
1		Fy-XC-4	1948	180	?	3	80		
2		Fy-XC-5	1948	180	47	5	65		
2		Fy-XC-6	1948	180	55	2	80		
2		Fy-XC-7	1948	180	40	4	60		
3		Foy-3	1968	090	45	7	775	ep	
4		Foy-4	1968	090	50	7	783	po, cp	
5		F-5	1952	270	47	5	353	py	
6		F-6	1952	270	45	17	370	py, po, cp	
7		Foy-5	1969	250	45	26	844	py, hem, po, cp	
7		Foy-6	1969	225	45	26	1030	po	
8		F-XC-1	1956	090	55	3	400		
9		F-XC-1	1957	090	75	3	440		
10	Inco Ltd.	9601	1951	212	48	7	1131		
11		9602	1951	212	63	6	1323		
12	Sudbury Offsets Ltd.	?	1928-29	Total of 8610' drilled					
13	Nickel Offsets Ltd.	?	1938-39	Total of 19,748' drilled from surface					
14		?	1941-44	80 holes drilled underground for a total length of 8,446'					
15		?	1948-49	105 holes drilled underground for a total length of 22,723'					
12		?	1950-57	28 holes drilled from surface for a total length of 20,836'					
14				412 holes drilled from underground for a total length of 58,696'					
12		?	1957	7 holes drilled from surface for a total length of 3,182'					
14				8 holes drilled from underground for a total length of 1,882'					

GDIF FORM NO. 1

8

FOY TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

FOY TOWNSHIP

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO. 6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Canhorn Mining Corp.	
Northern Miner	May 18, 1987
Dennie, F. J.	
Sudbury Star	June 20, 1928
Nickel Offsets	
Northern Miner	March 14, 1968 March 28, 1968 October 21, 1969 February 12, 1970 July 8, 1976 September 13, 1979 May 7, 1981
Sudbury Offsets Ltd.	
Sudbury Star	September 5, 1928 May 1, 1929 November 23, 1929 December 4, 1929 May 2, 1938

ODM GENERAL INDEX SEARCH

Words searched:

CANHORN MINING CORP.
DENNIE, F. J.
FALCONBRIDGE NICKEL MINES LTD.
FOY OFFSET
FOY TOWNSHIP
INCO LTD.
KAINOLA, J.
MAKI, O.
NICKEL OFFSETS LTD.
NICKEL OFFSETS MINE
ROSS MINE
SANDCHERRY CREEK FAULT

Index Volume	Listing:	Report Volume	Part	Page
1	Foy Tp., Sudbury Dist.			
	Rocks	12		274
	nickel-bearing eruptive	13	1	213
	offset deposits	14	3	50, 63, 70,114
1	Ross Nickel Mine, Foy Tp.			
	Rocks on and near	13	1	200,201
	offset deposits	14	3	70
2	Foy Tp., Sud.			
	Nickel ore, content	N.C.		R207
2	Ross, Thomas Barnetson			
	Nickel claim, Foy Tp.	N.C.		R52
2	Ross Nickel Mine, Foy Tp.			
	Discovery	N.C.		R52
	Location. See map	N.C.		R104
	Ore Body, nickel content	N.C.		R207
3	Dennie, Frank			
	of Sudbury Offsets Ltd.	39	1	147
3	Foy Tp., Sud.			
	Nickel irruptive offset	43	2	28, 29
4	International Nickel Co. of Canada Ltd.			
	Nickel Offsets ore treated by	53	1	188
		54	2	112
4	Nickel Offsets Ltd.			
	Capital; officers; operations:			
	(1941)	51	1	228
	(1942)	52	1	219
	(1943)	53	1	187
	(1944)	54	2	112
	(1945)	55	2	92
	(1946)	56	2	103
	(1947)	57	2	105
	(1948)	58	2	93
	(1949)	59	2	91
4	Sudbury Offsets Ltd.			
	Assests acquired by Nickel Offsets Ltd.	51	1	228

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

SUDBURY OFFSETS LTD.
SUDBURY ORES LTD.

Index Volume	Listing:	Report Volume	Part	Page
5	Nickel Offsets Ltd.			
	Capital; officers; operations:			
	(1950)	60	2	90
	(1951)	61	2	93
	(1952)	62	2	102
	(1953)	63	2	123
	(1954)	64	2	117
6	Nickel Offsets Ltd.			
	Capital; officers; operations:			
	(1955)	65	2	119
	(1956)	66	2	117,118
	(1957)	67	2	121
7	Nickel Offsets Ltd.			
	Nickel mine, Foy Tp.			
	report on (1954)	MRC1		56
	(1957)	MRC2		96
8	Falconbridge Nickel Mines Ltd.			
	Foy & Bowell Tps., Sudbury Dist.	GR65		33, 34
8	Foy Tp., Sudbury Dist.			
	Geology of the Leinster-Bowell area	GR65		
	nickel/copper/cobalt/platinum	MRC12		243
8	Nickel Offsets Ltd.			
	Foy Tp., Sudbury Dist.	MP24		29
	report on Nickel Offsets Mine	GR65		34-36,37
8	Sandcherry Creek Fault			
	Tyrone & Foy Tps., Sudbury Dist.	GR65		16, 25, 31-32
9	Foy Tp., Sudbury Dist.			
	Geology (quaternary) of the Sudbury Basin area	GR181		
	sand & gravel	GR181		46

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1966-67	Sudbury Mining Area	O.D.M. Map 2170	1" = 1 mile
	1965, 67	Cartier Sheet	O.D.M. Map P.287	1" = 2 miles
Card, K. D., Lumbers, S. B	1974, 75	Sudbury-Cobalt Geological Compilation (revised)	O.G.S. Map 2361	1" = 4 miles
Card, K. D. and Meyn, H.D.	1965	Foy Township	P.315	1" = ½ mile
Dressler, B. O.	1984	Sudbury Geological Compilation	O.G.S. Map 2491	1:50,000
	1983	Sudbury Mining Area, West Part	O.G.S. Map P.2602	1:50,000
		GEOPHYSICAL MAPS		
G.S.C. - O.D.M.	1965	Aeromagnetic Map - Chelmsford	1518G	1" = 1 mile
		Aeromagnetic Map - Venetian Lake	1519G	1" = 1 mile
Gupta, V. K.	1981	Bouguer Gravity and Generalized Map of the Sudbury-Onaping Lake Area	O.G.S. Map P.2482	1:100,000
O.D.M. - G.S.C.	1965	Aeromagnetic Map - Sudbury Sheet	7067G	1" = 4 miles
	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey, Sudbury	Map P.1610	1:250,000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Burwasser, G. J.	1972	Quaternary Geology and Industrial Mineral Resources of the Sudbury Area (West Part)	Map P.751	1:50,000
E.M.R.	1975	Topographic Map - Chelmsford		1:50,000
		Topographic Map - Venetian Lake		1:50,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Gartner, J. F.	1980	N.O.E.G.T.S. Data Base Map, Cartier	Map 5000	1:100,000
		N.O.E.G.T. Study 94, Cartier Area		
		N.O.E.G.T.S. General Construction Capability Map, Cartier	Map 5004	1:100,000
Sado, E. V. and Carswell, B. F.	1987	Surficial Geology of Northern Ontario	O.G.S. Map 2518	1:1,200,000
		MINERAL POTENTIAL MAPS		
Innes, D. G., and Jost, M.	1977	Nickel Deposits of Ontario, East Central Sheet	Map P.1062	1" = 16 miles
Springer, J.	1977	Ontario Mineral Potential, Northern Part of Sudbury Sheet and Part of North Bay Sheet	O.G.S. Map P.1512	1:250,000
		GEOCHEMICAL MAPS		
		No data available as of November 16, 1987		
		GEOLOGICAL REPORTS AND MAPS		
Adlington, R.	1982	Foy Township - Sudbury Data Series	Map P.2472	1" = ¼ mile
Burwasser, G. J.	1979	Quaternary Geology of the Sudbury Basin Area	GR181 Map 2397	1:50,000
Bussolaro, N., Rousell, D. H., Beswick, A.	1984	Mineralization in the Onaping Formation, Sudbury Basin, Ontario. Project 4A	G.S.C. OFR 1090	
Card, K. D. and Hutchinson, R. W.	1972	The Sudbury Structure: its Regional Geological Setting	G.A.C. Special Paper 10	pp. 67-78

GDIF FORM NO.4

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Card, K. D., and Meyn, H. D.	1969	Geology of the Leinster-Bowell Area	GR 65 Map 2133	1" = ½ mile
Robertson, J. A., et al	1957	Copper, Nickel, Lead and Zinc Deposits in Ontario	MRC 2	
Shklanka, R., editor	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario	MRC 12	
		JOURNALS, ARTICLES, THESES, TECHNICAL REPORTS		
Atwood, W. W., Jr.	1927	Physical Features of the Sudbury Basin; M. S., Clark University	MP 2	
Clauson, V.	1947	Geology of the Sudbury Basin Area, Ontario; Ph. D., University of Washington	MP 2	
Cooke, H. R.	1951	Sulphide Deposits West of Sudbury; B. Sc., Queen's University	MP 2	
Desborough, G. A. and Larson, R. R.	1970	Nickel-Bearing Iron Sulfides in the Onaping Formation, Sudbury Basin, Ontario	Econ. Geol. Vol. 65	pp. 728-730
Hewins, R. H.	1971	The Petrology of some Marginal Rocks Along the North Range of the Sudbury Irruptive	Sudbury Theses File	
Kirwan, J. L.	1966	The Sudbury Irruptive and its History	C.M.J. August, 1966	pp. 54-61
Morris, W. A.	1982	A Paleomagnetic Investigation of the Sudbury Basin Offsets, Ontario	Tectonophysics Vol. 85	pp. 291-312
Morris, W. A., and Pay, R.	1981	Genesis of the Foy(?) Offset and its Sulfide Ores: The Paleomagnetic Evidence from a Study in Hess Township, Sudbury	Econ. Geol. Vol. 76	pp. 1895-1905

FOY TOWNSHIP

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Thomson, R.	1935	The Offset Dikes of the Nickel Intrusive, Sudbury, Ontario	A.J.S. Vol. 5(30)	pp. 356-367

GDIF FORM NO.9

NOTES AND ADDENDA

AERIAL PHOTOGRAPHS INDEX

Scale 1" = 1/4 mile

SUDBURY FILES

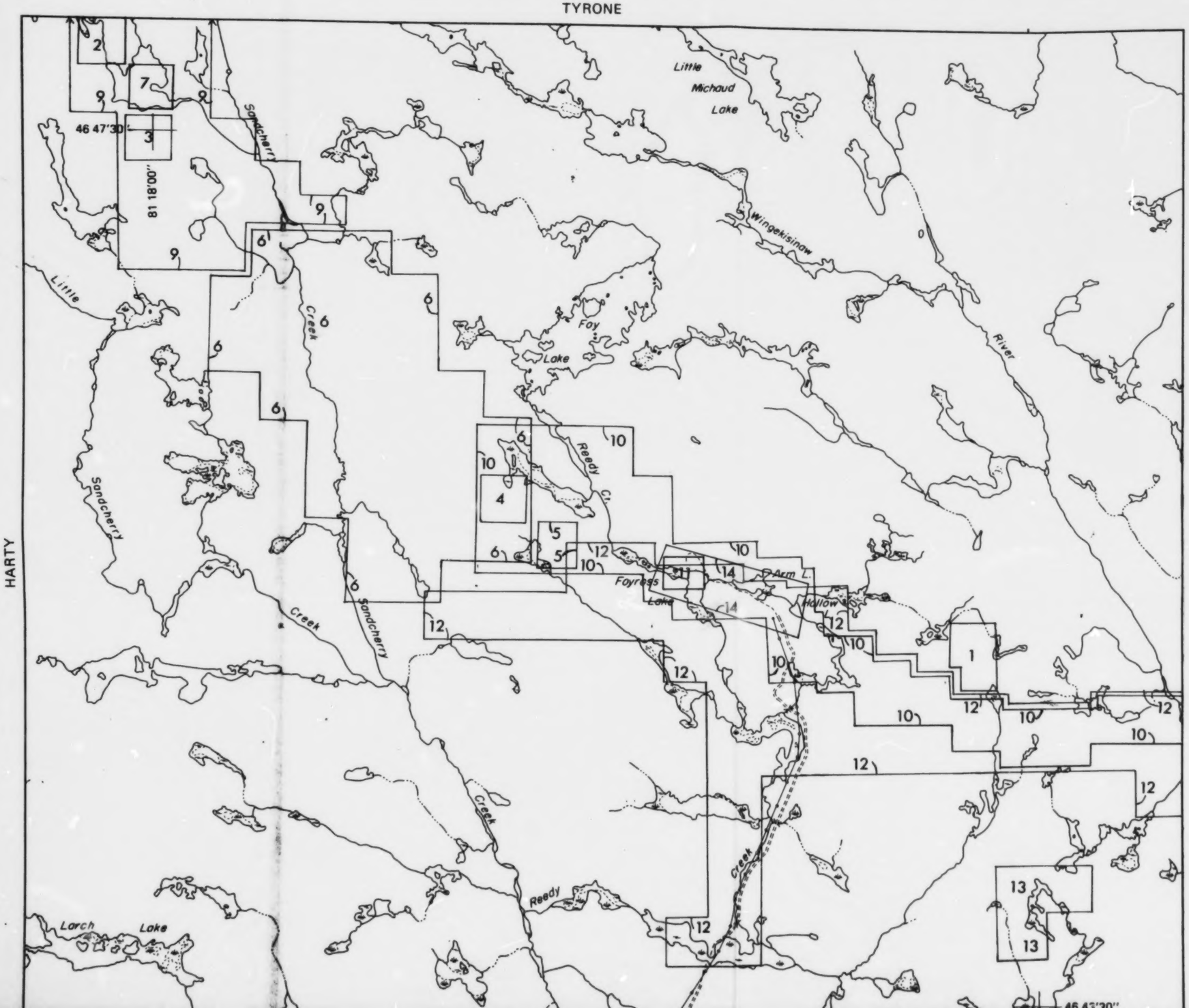
Year	Roll	Line	Number
1977	22	4630	92-102
	22	4631	22
1973	25	4633	192-198
	25	4632	92
	15	4631	216-219
1959	5	4631	114-120
	6	4630	41-43
	66	4630	142-144, 147-149
	12	4629	14-21

GDIF FORM NO.10

TYRONE

HARTY

BOWELL



Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 441

(Map 1 of 2)

FOY TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 441

(Map 1 of 2)

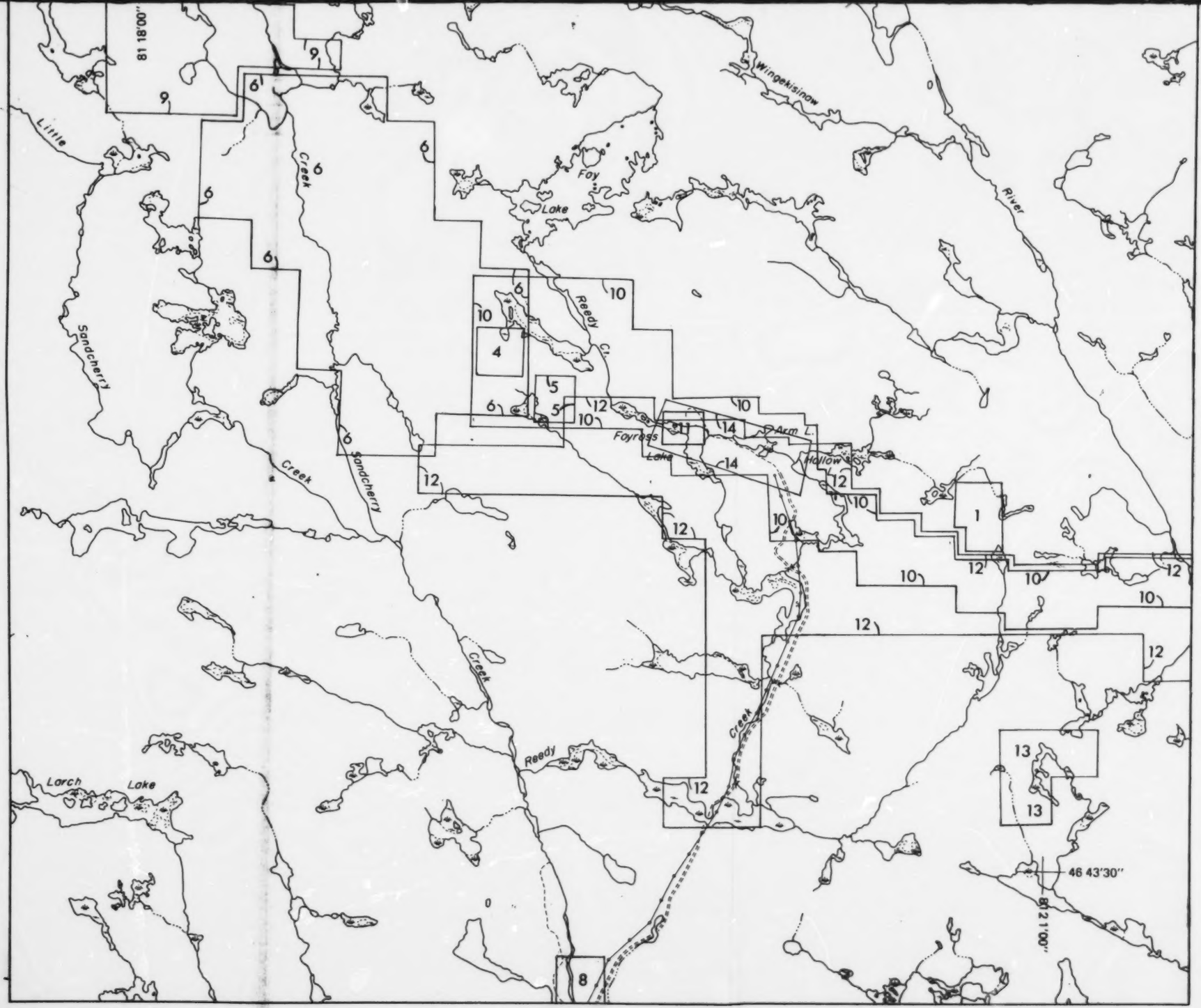
FOY TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area of exploration
- File covers whole township or area

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐ Geochemical sample site, with reference number
- ☐ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- ☐ Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ☐ Airborne radiometric anomaly
- ■ Ground magnetic anomaly
- ☐ Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop VLF - Very low freq.; Turam; JEM - Crone Em - 16)
- ☐ Ground radiometric anomaly
- ☐ Induced polarization anomaly
- ☐ Self potential anomaly
- ☐ Audio-frequency magnetic anomaly (total intensity)
- ☐ Resistivity anomaly
- ☐ Gravity anomaly

MISCELLANEOUS DATA

- ■ Trenching, pit
- ☐ Adit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit

TYRONE

HARTY

BOWELL

46 47'30"

81 18'00"

Little Michaud Lake

Wingekisinaw River

Sandcherry Creek

Little Sandcherry Creek

Foy Lake

Reedy Ck.

Foyross Lake

Arm L.

Hollow L.

Sandcherry Creek

Reedy Creek

Larch Lake

NICKEL OFFSETS MINE

NO. 1 SHAFT 1906

NO. 2 SHAFT 1906

A Ni.Cu

B Ni.Cu 1

D Ni.Cu 2

C Ni.Cu

TYRONE

HARTY

BOWELL

Little Michaud Lake

Wingemisinow River

Foy Lake

Foy

Foyross Lake

Arm L.

Hollow L.

Sandcherry Creek

Reedy Creek

Little Sandcherry Creek

Larch Lake

46 47'30"

81 18'00"

Ni,Cu

Cu

Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 441

(Map 2 of 2)

FOY TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84 — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq.; Turam; JEM -
  Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Rock quarry
- Adit
- Sand and/or gravel pit
- Open pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 441

(Map 2 of 2)

FOY TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

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- ■ cp A. — Mineral occurrence at surface, with reference letter
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- □ Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp A. — Mineralized float with reference letter
- □ A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- ■ •² — Location of single drillhole, with reference number
- ■ ◉² — Location of closely spaced group of drillholes, with reference number
- ■ ?² — Drillhole, exact location uncertain, with reference number
- ■ ◡ — Property with underground drillholes in this general area, with reference number
- □ ○² — Property with drillholes which have not been plotted on map, with reference number
- □ ⊕² — Reverse circulation drillhole; churn drilling, with reference number